

SCORE Search Results Details for Application 10519539 and Search Result 20090128_195529_us-10-519-539a-127.rapbn.

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This page gives you Search Results detail for the Application 10519539 and Search Result 20090128_195529_us-10-519-539a-127.rapbn.

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OM protein - protein search, using sw model

Run on: January 29, 2009, 05:34:58 ; Search time 4 Seconds
(without alignments)
40.340 Million cell updates/sec

Title: US-10-519-539A-127
Perfect score: 159
Sequence: 1 GSRCIRRRISILFFVFRVLRSSRVLRSAEIIYES 33

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 32394 seqs, 4889682 residues

Total number of hits satisfying chosen parameters: 32394

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_AA_New:*
1: /ABSS/Data/CRF/ptodata/2/pubpaa/US08_NEW_PUB.pep:*
2: /ABSS/Data/CRF/ptodata/2/pubpaa/US09_NEW_PUB.pep:*
3: /ABSS/Data/CRF/ptodata/2/pubpaa/US10_NEW_PUB.pep:*
4: /ABSS/Data/CRF/ptodata/2/pubpaa/US11_NEW_PUB.pep:*
5: /ABSS/Data/CRF/ptodata/2/pubpaa/US12_NEW_PUB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result %
Query

No.	Score	Match	Length	DB	ID	Description
1	44	27.7	111	4	US-11-524-363-3344	Sequence 3344, Ap
2	44	27.7	111	4	US-11-801-901A-3344	Sequence 3344, Ap
3	41.5	26.1	575	5	US-12-054-231-13	Sequence 13, Appl
4	41	25.8	251	4	US-11-983-137-4	Sequence 4, Appli
5	41	25.8	360	3	US-10-532-547-39	Sequence 39, Appl
6	41	25.8	539	4	US-11-929-668-570	Sequence 570, App
7	41	25.8	614	5	US-12-126-772-5	Sequence 5, Appli
8	40	25.2	271	4	US-11-876-928-94	Sequence 94, Appl
9	40	25.2	324	4	US-11-524-363-3240	Sequence 3240, Ap
10	40	25.2	324	4	US-11-801-901A-3240	Sequence 3240, Ap
11	40	25.2	370	4	US-11-524-363-4976	Sequence 4976, Ap
12	40	25.2	370	4	US-11-801-901A-4976	Sequence 4976, Ap
13	39.5	24.8	306	4	US-11-524-363-4249	Sequence 4249, Ap
14	39.5	24.8	306	4	US-11-801-901A-4249	Sequence 4249, Ap
15	39	24.5	133	4	US-11-524-363-5002	Sequence 5002, Ap
16	39	24.5	133	4	US-11-801-901A-5002	Sequence 5002, Ap
17	38.5	24.2	264	4	US-11-524-363-2962	Sequence 2962, Ap
18	38.5	24.2	264	4	US-11-801-901A-2962	Sequence 2962, Ap
19	38	23.9	673	4	US-11-524-363-2860	Sequence 2860, Ap
20	38	23.9	673	4	US-11-801-901A-2860	Sequence 2860, Ap
21	37.5	23.6	77	4	US-11-524-363-4705	Sequence 4705, Ap
22	37.5	23.6	77	4	US-11-801-901A-4705	Sequence 4705, Ap
23	37	23.3	62	4	US-11-524-363-4247	Sequence 4247, Ap
24	37	23.3	62	4	US-11-801-901A-4247	Sequence 4247, Ap
25	37	23.3	563	4	US-11-524-363-3028	Sequence 3028, Ap
26	37	23.3	563	4	US-11-801-901A-3028	Sequence 3028, Ap
27	37	23.3	605	4	US-11-929-668-574	Sequence 574, App
28	36	22.6	214	4	US-11-524-363-4635	Sequence 4635, Ap
29	36	22.6	214	4	US-11-801-901A-4635	Sequence 4635, Ap
30	36	22.6	372	3	US-10-568-488-24	Sequence 24, Appl
31	36	22.6	1026	4	US-11-931-888-23	Sequence 23, Appl
32	36	22.6	1067	4	US-11-940-248-52	Sequence 52, Appl
33	35.5	22.3	314	4	US-11-524-363-4795	Sequence 4795, Ap
34	35.5	22.3	314	4	US-11-801-901A-4795	Sequence 4795, Ap
35	35.5	22.3	541	4	US-11-712-654-4	Sequence 4, Appli
36	35.5	22.3	541	4	US-11-768-156-2	Sequence 2, Appli
37	35	22.0	31	3	US-10-573-161-34	Sequence 34, Appl
38	35	22.0	31	3	US-10-573-161-39	Sequence 39, Appl
39	35	22.0	59	4	US-11-524-363-4616	Sequence 4616, Ap
40	35	22.0	59	4	US-11-801-901A-4616	Sequence 4616, Ap
41	35	22.0	96	4	US-11-524-363-3870	Sequence 3870, Ap
42	35	22.0	96	4	US-11-801-901A-3870	Sequence 3870, Ap
43	35	22.0	173	5	US-12-157-329-36	Sequence 36, Appl
44	35	22.0	214	4	US-11-524-363-3186	Sequence 3186, Ap
45	35	22.0	214	4	US-11-801-901A-3186	Sequence 3186, Ap

ALIGNMENTS

RESULT 1

US-11-524-363-3344

; Sequence 3344, Application US/11524363

; Publication No. US20080194004A1
; GENERAL INFORMATION:
; APPLICANT: Doucette-Stamm, Lynn
; APPLICANT: Bush, David
; APPLICANT: Zeng, Qiandong
; APPLICANT: Opperman, Timothy
; APPLICANT: Houseweart, Chad Eric
; TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
; TITLE OF INVENTION: Pneumoniae for Diagnostics and Therapeutics
; FILE REFERENCE: 3687.1000-032
; CURRENT APPLICATION NUMBER: US/11/524,363
; CURRENT FILING DATE: 2006-09-20
; PRIOR APPLICATION NUMBER: US 11/027,892
; PRIOR FILING DATE: 2004-12-30
; PRIOR APPLICATION NUMBER: US 10/640,833
; PRIOR FILING DATE: 2003-08-14
; PRIOR APPLICATION NUMBER: US 09/583,110
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/107,433
; PRIOR FILING DATE: 1998-06-30
; PRIOR APPLICATION NUMBER: US 60/085,131
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: US 60/051,553
; PRIOR FILING DATE: 1997-07-02
; NUMBER OF SEQ ID NOS: 5324
; SEQ ID NO 3344
; LENGTH: 111
; TYPE: PRT
; ORGANISM: Streptococcus pneumoniae
US-11-524-363-3344

Query Match 27.7%; Score 44; DB 4; Length 111;
Best Local Similarity 33.3%; Pred. No. 1.2;
Matches 11; Conservative 8; Mismatches 10; Indels 4; Gaps 2;

Qy 4 CIRRRISIL--FFVFRVLR SR--RVLRS AEIYE 32
| :| : :| | ||::: | || :||
Db 58 CEKRPVGV LIRFLVFKLMKKRPNRVFSLIFVYE 90

RESULT 2
US-11-801-901A-3344
; Sequence 3344, Application US/11801901A
; Publication No. US20080194505A1
; GENERAL INFORMATION
; APPLICANT: Doucette-Stamm, Lynn
; APPLICANT: Bush, David
; APPLICANT: Zeng, Qiandong
; APPLICANT: Opperman, Timothy
; APPLICANT: Houseweart, Chad Eric
; TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
; TITLE OF INVENTION: Pneumoniae for Diagnostics and Therapeutics
; FILE REFERENCE: 3687.1000-060
; CURRENT APPLICATION NUMBER: US/11/801,901A
; CURRENT FILING DATE: 2008-04-17

; PRIOR APPLICATION NUMBER: US 11/524,355
; PRIOR FILING DATE: 2006-09-20
; PRIOR APPLICATION NUMBER: US 11/027,892
; PRIOR FILING DATE: 2004-12-30
; PRIOR APPLICATION NUMBER: US 10/640,833
; PRIOR FILING DATE: 2003-08-14
; PRIOR APPLICATION NUMBER: US 09/583,110
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/107,433
; PRIOR FILING DATE: 1998-06-30
; PRIOR APPLICATION NUMBER: US 60/085,131
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: US 60/051,553
; PRIOR FILING DATE: 1997-07-02
; NUMBER OF SEQ ID NOS: 5326
; SEQ ID NO 3344
; LENGTH: 111
; TYPE: PRT
; ORGANISM: Streptococcus pneumoniae
US-11-801-901A-3344

Query Match 27.7%; Score 44; DB 4; Length 111;
Best Local Similarity 33.3%; Pred. No. 1.2;
Matches 11; Conservative 8; Mismatches 10; Indels 4; Gaps 2;

Qy 4 CIRRRISIL--FFVFRVLR SR--RVLRS AEIYE 32
| :| : :| | ||::: | || :||
Db 58 CEKRPVGV LIRFLVFKLMKKRPNRVFSLIFVYE 90

RESULT 3
US-12-054-231-13
; Sequence 13, Application US/12054231
; Publication No. US20080241964A1
; GENERAL INFORMATION
; APPLICANT: KAIEDA, Masaru
; APPLICANT: IKEDA, Takashi
; APPLICANT: NAKAHAMA, Kazumichi
; TITLE OF INVENTION: Material for Improving Sensitivity of Magnetic Sensor and Method
Thereof
; FILE REFERENCE: 10060240US01
; CURRENT APPLICATION NUMBER: US/12/054,231
; CURRENT FILING DATE: 2008-03-24
; PRIOR APPLICATION NUMBER: JP P2007-081942
; PRIOR FILING DATE: 2007-03-27
; PRIOR APPLICATION NUMBER: JP P2008-057728
; PRIOR FILING DATE: 2008-03-07
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.4
; SEQ ID NO 13
; LENGTH: 575
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: HyHEL10 scFv fragment labeled with SiO2 affinity peptide

US-12-054-231-13

Query Match 26.1%; Score 41.5; DB 5; Length 575;
Best Local Similarity 52.2%; Pred. No. 21;
Matches 12; Conservative 2; Mismatches 4; Indels 5; Gaps 1;

Qy 1 GSRCIRRRISILFFVFRVLSRR 23
||| |||:| |:|| ||
Db 253 GSRGRRRLSC-----RLLRGRR 270

RESULT 4
US-11-983-137-4
; Sequence 4, Application US/11983137
; Publication No. US20080241946A1
; GENERAL INFORMATION
; APPLICANT: ECONS, Michael
; APPLICANT:WHITE, Kenneth
; APPLICANT:STROM, Tim
; APPLICANT:MEITINGER, Thomas
; TITLE OF INVENTION: NOVEL FIBROBLAST GROWTH FACTOR (FGF23) AND METHODS FOR USE
; FILE REFERENCE: 053884-5001-DI1
; CURRENT APPLICATION NUMBER: US/11/983,137
; CURRENT FILING DATE: 2007-11-07
; PRIOR APPLICATION NUMBER: 10379334
; PRIOR FILING DATE: 2003-03-04
; PRIOR APPLICATION NUMBER: 10/379,334
; PRIOR FILING DATE: 2003-03-04
; PRIOR APPLICATION NUMBER: 09/901,938
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 60/219,137
; PRIOR FILING DATE: 2000-07-19
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 251
; TYPE: PRT
; ORGANISM: Mus sp.

US-11-983-137-4

Query Match 25.8%; Score 41; DB 4; Length 251;
Best Local Similarity 39.3%; Pred. No. 9.5;
Matches 11; Conservative 4; Mismatches 13; Indels 0; Gaps 0;

Qy 2 SRCIRRRISILFFVFRVLSRRVLSAE 29
|: : || : | :| || ||||
Db 155 SQFLARRNEVPLLHFYTVRPRRHTSAE 182

RESULT 5
US-10-532-547-39
; Sequence 39, Application US/10532547
; Publication No. US20080213247A1
; GENERAL INFORMATION:
; APPLICANT: EXELIXIS, INC.

; TITLE OF INVENTION: MBMs AS MODIFIERS OF BRANCHING MORPHOGENESIS AND METHODS OF USE
; FILE REFERENCE: EX03-075C-US
; CURRENT APPLICATION NUMBER: US/10/532,547
; CURRENT FILING DATE: 2005-04-22
; PRIOR APPLICATION NUMBER: US 60/420,554
; PRIOR FILING DATE: 2002-10-23
; PRIOR APPLICATION NUMBER: US 60/436,941
; PRIOR FILING DATE: 2002-12-30
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 39
; LENGTH: 360
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-532-547-39

Query Match 25.8%; Score 41; DB 3; Length 360;
Best Local Similarity 30.0%; Pred. No. 14;
Matches 6; Conservative 8; Mismatches 6; Indels 0; Gaps 0;

Qy 11 ILFFVFRVLRSRRLRS AEI 30
| :|:~::~|| : : || :
Db 126 ICYFLYQILRGLKYIHSANV 145

RESULT 6
US-11-929-668-570
; Sequence 570, Application US/11929668
; Publication No. US20080213264A1
; GENERAL INFORMATION
; APPLICANT: Bhatia, Ajay
; APPLICANT:Skeiky, Yasir A.W.
; APPLICANT:Probst, Peter
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR TREATMENT AND
; TITLE OF INVENTION:DIAGNOSIS OF CHLAMYDIAL INFECTION
; FILE REFERENCE: 210121.469C16
; CURRENT APPLICATION NUMBER: US/11/929,668
; CURRENT FILING DATE: 2007-10-30
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE:
; PRIOR APPLICATION NUMBER: 10/872,155
; PRIOR FILING DATE: 2004-06-18
; PRIOR APPLICATION NUMBER: 09/620,412
; PRIOR FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: 09/598,419
; PRIOR FILING DATE: 2000-06-20
; PRIOR APPLICATION NUMBER: 09/556,877
; PRIOR FILING DATE: 2000-04-19
; PRIOR APPLICATION NUMBER: 09/454,684
; PRIOR FILING DATE: 1999-12-03
; PRIOR APPLICATION NUMBER: 09/426,571
; PRIOR FILING DATE: 1999-10-22
; PRIOR APPLICATION NUMBER: 09/410,568
; PRIOR FILING DATE: 1999-10-01
; PRIOR APPLICATION NUMBER: 09/288,594

; PRIOR FILING DATE: 1999-04-08
; PRIOR APPLICATION NUMBER: 09/208,277
; PRIOR FILING DATE: 1998-12-08
; NUMBER OF SEQ ID NOS: 599
; SOFTWARE: FastSEQ for Windows Version 3.0/4.0
; SEQ ID NO 570
; LENGTH: 539
; TYPE: PRT
; ORGANISM: C. Trachomatis D serovar
US-11-929-668-570

Query Match 25.8%; Score 41; DB 4; Length 539;
Best Local Similarity 56.2%; Pred. No. 23;
Matches 9; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

Qy 18 VLRSRRVLRSAEIYES 33
 :|| || ||: | ||
Db 254 ILRGGRVFRSSSIMES 269

RESULT 7

US-12-126-772-5
; Sequence 5, Application US/12126772
; Publication No. US20080312307A1
; GENERAL INFORMATION
; APPLICANT: Takeda Pharmaceutical Company Limited
; TITLE OF INVENTION: MAPK/ERK KINASE INHIBITORS
; FILE REFERENCE: MEK-5007-U
; CURRENT APPLICATION NUMBER: US/12/126,772
; CURRENT FILING DATE: 2008-05-23
; PRIOR APPLICATION NUMBER: 60/940,170
; PRIOR FILING DATE: 2007-05-25
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5
; LENGTH: 614
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Residues 1-379 of human ERK1 with an N-terminal GST tag.
; FEATURE:
; NAME/KEY: MISC_FEATURE
; LOCATION: (1)..(235)
; OTHER INFORMATION: N-terminal GST tag
; FEATURE:
; NAME/KEY: MISC_FEATURE
; LOCATION: (236)..(614)
; OTHER INFORMATION: Residues 1-379 of human ERK1
US-12-126-772-5

Query Match 25.8%; Score 41; DB 5; Length 614;
Best Local Similarity 30.0%; Pred. No. 27;
Matches 6; Conservative 8; Mismatches 6; Indels 0; Gaps 0;

Qy 11 ILFFVFRVLRSSRRLRS AEI 30

Db | :|:::| | : : | | :
378 ICYFLYQILRGLKYIHSANV 397

RESULT 8

US-11-876-928-94
; Sequence 94, Application US/11876928
; Publication No. US20080213285A1
; GENERAL INFORMATION:
; APPLICANT: SUBTIL-SANDS, AGATHE
; APPLICANT: DAUTRY-VARSAT, ALICE
; TITLE OF INVENTION: SECRETED CHLAMYDIA POLYPEPTIDES, POLYNUCLEOTIDES CODING THEREFOR,
; TITLE OF INVENTION: THERAPEUTIC AND DIAGNOSTIC USES THEREOF
; FILE REFERENCE: 249179US0
; CURRENT APPLICATION NUMBER: US/11/876,928
; CURRENT FILING DATE: 2007-10-23
; PRIOR APPLICATION NUMBER: US/10/784,880
; PRIOR FILING DATE: 2004-02-24
; PRIOR APPLICATION NUMBER: US 60/448,879
; PRIOR FILING DATE: 2003-02-24
; NUMBER OF SEQ ID NOS: 378
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 94
; LENGTH: 271
; TYPE: PRT
; ORGANISM: Chlamydia trachomatis
US-11-876-928-94

Query Match 25.2%; Score 40; DB 4; Length 271;
Best Local Similarity 38.9%; Pred. No. 15;
Matches 7; Conservative 6; Mismatches 5; Indels 0; Gaps 0;

Qy 12 LFFVFRVLRSSRVLRSAE 29
 :|| ||: |: : | |:
Db 197 MFFFFRFLFRTQILFRKAK 214

RESULT 9

US-11-524-363-3240
; Sequence 3240, Application US/11524363
; Publication No. US20080194004A1
; GENERAL INFORMATION:
; APPLICANT: Doucette-Stamm, Lynn
; APPLICANT: Bush, David
; APPLICANT: Zeng, Qiandong
; APPLICANT: Opperman, Timothy
; APPLICANT: Houseweart, Chad Eric
; TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
; TITLE OF INVENTION: Pneumoniae for Diagnostics and Therapeutics
; FILE REFERENCE: 3687.1000-032
; CURRENT APPLICATION NUMBER: US/11/524,363
; CURRENT FILING DATE: 2006-09-20
; PRIOR APPLICATION NUMBER: US 11/027,892
; PRIOR FILING DATE: 2004-12-30
; PRIOR APPLICATION NUMBER: US 10/640,833

; PRIOR FILING DATE: 2003-08-14
; PRIOR APPLICATION NUMBER: US 09/583,110
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/107,433
; PRIOR FILING DATE: 1998-06-30
; PRIOR APPLICATION NUMBER: US 60/085,131
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: US 60/051,553
; PRIOR FILING DATE: 1997-07-02
; NUMBER OF SEQ ID NOS: 5324
; SEQ ID NO 3240
; LENGTH: 324
; TYPE: PRT
; ORGANISM: Streptococcus pneumoniae
US-11-524-363-3240

Query Match 25.2%; Score 40; DB 4; Length 324;
Best Local Similarity 34.8%; Pred. No. 18;
Matches 8; Conservative 6; Mismatches 9; Indels 0; Gaps 0;

Qy 9 ISILFFVFRVLRSSRVLRSAEIY 31
::|||| : :| :| | :|
Db 53 VTILFFTWDILVETQVYRQELLY 75

RESULT 10
US-11-801-901A-3240
; Sequence 3240, Application US/11801901A
; Publication No. US20080194505A1
; GENERAL INFORMATION
; APPLICANT: Doucette-Stamm, Lynn
; APPLICANT: Bush, David
; APPLICANT: Zeng, Qiandong
; APPLICANT: Opperman, Timothy
; APPLICANT: Houseweart, Chad Eric
; TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
; TITLE OF INVENTION: Pneumoniae for Diagnostics and Therapeutics
; FILE REFERENCE: 3687.1000-060
; CURRENT APPLICATION NUMBER: US/11/801,901A
; CURRENT FILING DATE: 2008-04-17
; PRIOR APPLICATION NUMBER: US 11/524,355
; PRIOR FILING DATE: 2006-09-20
; PRIOR APPLICATION NUMBER: US 11/027,892
; PRIOR FILING DATE: 2004-12-30
; PRIOR APPLICATION NUMBER: US 10/640,833
; PRIOR FILING DATE: 2003-08-14
; PRIOR APPLICATION NUMBER: US 09/583,110
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/107,433
; PRIOR FILING DATE: 1998-06-30
; PRIOR APPLICATION NUMBER: US 60/085,131
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: US 60/051,553
; PRIOR FILING DATE: 1997-07-02
; NUMBER OF SEQ ID NOS: 5326

; SEQ ID NO 3240
; LENGTH: 324
; TYPE: PRT
; ORGANISM: Streptococcus pneumoniae
US-11-801-901A-3240

Query Match 25.2%; Score 40; DB 4; Length 324;
Best Local Similarity 34.8%; Pred. No. 18;
Matches 8; Conservative 6; Mismatches 9; Indels 0; Gaps 0;

Qy 9 ISILFFVFRVLRSRRLRS AEIY 31
::|||| : :| :| | :|
Db 53 VTILFFTWDILVETQVYRQELLY 75

RESULT 11
US-11-524-363-4976
; Sequence 4976, Application US/11524363
; Publication No. US20080194004A1
; GENERAL INFORMATION:
; APPLICANT: Doucette-Stamm, Lynn
; APPLICANT: Bush, David
; APPLICANT: Zeng, Qiandong
; APPLICANT: Opperman, Timothy
; APPLICANT: Houseweart, Chad Eric
; TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
; TITLE OF INVENTION: Pneumoniae for Diagnostics and Therapeutics
; FILE REFERENCE: 3687.1000-032
; CURRENT APPLICATION NUMBER: US/11/524,363
; CURRENT FILING DATE: 2006-09-20
; PRIOR APPLICATION NUMBER: US 11/027,892
; PRIOR FILING DATE: 2004-12-30
; PRIOR APPLICATION NUMBER: US 10/640,833
; PRIOR FILING DATE: 2003-08-14
; PRIOR APPLICATION NUMBER: US 09/583,110
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/107,433
; PRIOR FILING DATE: 1998-06-30
; PRIOR APPLICATION NUMBER: US 60/085,131
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: US 60/051,553
; PRIOR FILING DATE: 1997-07-02
; NUMBER OF SEQ ID NOS: 5324
; SEQ ID NO 4976
; LENGTH: 370
; TYPE: PRT
; ORGANISM: Streptococcus pneumoniae
US-11-524-363-4976

Query Match 25.2%; Score 40; DB 4; Length 370;
Best Local Similarity 50.0%; Pred. No. 21;
Matches 9; Conservative 3; Mismatches 6; Indels 0; Gaps 0;

Qy 13 FFVFRVLRSRRLRS AEI 30
|||| | :| |:| |:

Db 29 FFVFNVNVTREVVRIQEM 46

RESULT 12

US-11-801-901A-4976
; Sequence 4976, Application US/11801901A
; Publication No. US20080194505A1
; GENERAL INFORMATION
; APPLICANT: Doucette-Stamm, Lynn
; APPLICANT: Bush, David
; APPLICANT: Zeng, Qiandong
; APPLICANT: Opperman, Timothy
; APPLICANT: Houseweart, Chad Eric
; TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
; TITLE OF INVENTION: Pneumoniae for Diagnostics and Therapeutics
; FILE REFERENCE: 3687.1000-060
; CURRENT APPLICATION NUMBER: US/11/801,901A
; CURRENT FILING DATE: 2008-04-17
; PRIOR APPLICATION NUMBER: US 11/524,355
; PRIOR FILING DATE: 2006-09-20
; PRIOR APPLICATION NUMBER: US 11/027,892
; PRIOR FILING DATE: 2004-12-30
; PRIOR APPLICATION NUMBER: US 10/640,833
; PRIOR FILING DATE: 2003-08-14
; PRIOR APPLICATION NUMBER: US 09/583,110
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/107,433
; PRIOR FILING DATE: 1998-06-30
; PRIOR APPLICATION NUMBER: US 60/085,131
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: US 60/051,553
; PRIOR FILING DATE: 1997-07-02
; NUMBER OF SEQ ID NOS: 5326
; SEQ ID NO 4976
; LENGTH: 370
; TYPE: PRT
; ORGANISM: Streptococcus pneumoniae
US-11-801-901A-4976

Query Match	25.2%;	Score 40;	DB 4;	Length 370;
Best Local Similarity	50.0%;	Pred. No. 21;		
Matches	9;	Conservative	3;	Mismatches 6; Indels 0; Gaps 0;

Qy 13 FFVFRVLRSSRVLRSAEI 30
| | | | | : | | : | | :
Db 29 FFVFNVNVTREVVRIQEM 46

RESULT 13

US-11-524-363-4249
; Sequence 4249, Application US/11524363
; Publication No. US20080194004A1
; GENERAL INFORMATION:
; APPLICANT: Doucette-Stamm, Lynn
; APPLICANT: Bush, David

; APPLICANT: Zeng, Qiandong
; APPLICANT: Opperman, Timothy
; APPLICANT: Houseweart, Chad Eric
; TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
; TITLE OF INVENTION: Pneumoniae for Diagnostics and Therapeutics
; FILE REFERENCE: 3687.1000-032
; CURRENT APPLICATION NUMBER: US/11/524,363
; CURRENT FILING DATE: 2006-09-20
; PRIOR APPLICATION NUMBER: US 11/027,892
; PRIOR FILING DATE: 2004-12-30
; PRIOR APPLICATION NUMBER: US 10/640,833
; PRIOR FILING DATE: 2003-08-14
; PRIOR APPLICATION NUMBER: US 09/583,110
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/107,433
; PRIOR FILING DATE: 1998-06-30
; PRIOR APPLICATION NUMBER: US 60/085,131
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: US 60/051,553
; PRIOR FILING DATE: 1997-07-02
; NUMBER OF SEQ ID NOS: 5324
; SEQ ID NO 4249
; LENGTH: 306
; TYPE: PRT
; ORGANISM: Streptococcus pneumoniae
US-11-524-363-4249

Query Match 24.8%; Score 39.5; DB 4; Length 306;
Best Local Similarity 35.7%; Pred. No. 20;
Matches 10; Conservative 6; Mismatches 9; Indels 3; Gaps 1;

Qy 6 RRRI---SILFFVFRVLRSRRLRSAEI 30
||| :|| || :|| | :
Db 96 RRRILYCHLVFFFLRVQDTKRIFLQATL 123

RESULT 14
US-11-801-901A-4249
; Sequence 4249, Application US/11801901A
; Publication No. US20080194505A1
; GENERAL INFORMATION
; APPLICANT: Doucette-Stamm, Lynn
; APPLICANT: Bush, David
; APPLICANT: Zeng, Qiandong
; APPLICANT: Opperman, Timothy
; APPLICANT: Houseweart, Chad Eric
; TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
; TITLE OF INVENTION: Pneumoniae for Diagnostics and Therapeutics
; FILE REFERENCE: 3687.1000-060
; CURRENT APPLICATION NUMBER: US/11/801,901A
; CURRENT FILING DATE: 2008-04-17
; PRIOR APPLICATION NUMBER: US 11/524,355
; PRIOR FILING DATE: 2006-09-20
; PRIOR APPLICATION NUMBER: US 11/027,892
; PRIOR FILING DATE: 2004-12-30

; PRIOR APPLICATION NUMBER: US 10/640,833
; PRIOR FILING DATE: 2003-08-14
; PRIOR APPLICATION NUMBER: US 09/583,110
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/107,433
; PRIOR FILING DATE: 1998-06-30
; PRIOR APPLICATION NUMBER: US 60/085,131
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: US 60/051,553
; PRIOR FILING DATE: 1997-07-02
; NUMBER OF SEQ ID NOS: 5326
; SEQ ID NO 4249
; LENGTH: 306
; TYPE: PRT
; ORGANISM: Streptococcus pneumoniae
US-11-801-901A-4249

Query Match 24.8%; Score 39.5; DB 4; Length 306;
Best Local Similarity 35.7%; Pred. No. 20;
Matches 10; Conservative 6; Mismatches 9; Indels 3; Gaps 1;

Qy 6 RRRI---SILFFVFRVLRSSRVLRSAEI 30
||| :|| || ::| | :
Db 96 RRRILYCHLVFFFLRVQDTKRIFLQATL 123

RESULT 15
US-11-524-363-5002
; Sequence 5002, Application US/11524363
; Publication No. US20080194004A1
; GENERAL INFORMATION:
; APPLICANT: Doucette-Stamm, Lynn
; APPLICANT: Bush, David
; APPLICANT: Zeng, Qiandong
; APPLICANT: Opperman, Timothy
; APPLICANT: Houseweart, Chad Eric
; TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
; TITLE OF INVENTION: Pneumoniae for Diagnostics and Therapeutics
; FILE REFERENCE: 3687.1000-032
; CURRENT APPLICATION NUMBER: US/11/524,363
; CURRENT FILING DATE: 2006-09-20
; PRIOR APPLICATION NUMBER: US 11/027,892
; PRIOR FILING DATE: 2004-12-30
; PRIOR APPLICATION NUMBER: US 10/640,833
; PRIOR FILING DATE: 2003-08-14
; PRIOR APPLICATION NUMBER: US 09/583,110
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/107,433
; PRIOR FILING DATE: 1998-06-30
; PRIOR APPLICATION NUMBER: US 60/085,131
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: US 60/051,553
; PRIOR FILING DATE: 1997-07-02
; NUMBER OF SEQ ID NOS: 5324
; SEQ ID NO 5002

; LENGTH: 133
; TYPE: PRT
; ORGANISM: Streptococcus pneumoniae
US-11-524-363-5002

Query Match 24.5%; Score 39; DB 4; Length 133;
Best Local Similarity 35.0%; Pred. No. 9.4;
Matches 7; Conservative 7; Mismatches 6; Indels 0; Gaps 0;

Qy 13 FFVFRVLRSSRVLRSAEIYE 32
||:|::: : :| | :| |
Db 78 FFIFKLINNVMIILYSMKIKE 97

Search completed: January 29, 2009, 05:35:02
Job time : 4 secs

SCORE 9.9